Applicant: Gaines Thomas Ray, et al.

Serial No. 10/659,546

IN THE SPECIFICATION

Please amend paragraphs [0025], [0027] and [0030] as follows.

As shown in Figure 3B, the spray tip 16 includes a spray tip body 16a having a spray tip exit 32. A flange 16b may be provided on the spray tip body 16a. A hose attachment nipple 16c extends from the spray tip body 16a. A nipple bore 16d extends through the hose attachment nipple 16c and communicates with the spray tip exit 32. The spray tip exit 32 and nipple bore 16d may be disposed in axially aligned relationship to each other, as shown. In Figure 1, the air pump 18 is turned on using a switch (not shown) that may be located on the housing 11 and acquires air through the air intake 17. A hose 15 connects the air pump 18 to the hose attachment nipple 16c, at the end of the spray tip 16 opposite from the exit opening. The air pump 18 provides an air stream through the hose 15 to the spray tip 16. A view of the housing 11 without the air pump 18 and the battery 19 is also shown in Figure 4.

[0027] The nozzle 22 may be designed to have a fixed sized opening or alternatively, the nozzle 22 may be designed to be adjustable to vary the size of the orifice 28 of a nozzle tip 29. **Figures 2** and 7 show an embodiment in which a nozzle tip 29 is fit over the nozzle 22. The nozzle 22 may have threads 30, or other adjustable mechanism, to allow the nozzle tip 29 to move forwards and backwards over the threads 30 of the cartridge 12. In an alternative embodiment, this movement may be used to size an adjustable opening 28 of the tip 29. That is, the size of the orifice 28 at the tip 29 may

Applicant: Gaines Thomas Ray, et al.

Serial No. 10/659,546

be varied when the nozzle tip 29 is turned. The size of the opening <u>28</u> at the tip 29 is adjusted correspondingly. The nozzle 22 may be closed by covering the opening <u>28</u> with a cap after the cartridge 12 has been removed from the housing 11 to prevent drying and/or clogging of the substance 25. In an alternative embodiment, the cartridge may have a one-way built in valve to allow the substance to be dispersed, but other external substances, as well as any already dispersed substance, from reentering the inner chamber 25.

Figure 3B shows a more detailed view of the nozzle section of Figure 3A, showing the nozzle 22 of the cartridge 12 in positioned within the spray tip 16. The spray tip 16 has an opening 31 to allow the nozzle tip 29 of the cartridge 12 to enter into the hollow passage of the spray tip 16 and to be positioned in the path of the air stream that flows through the spray tip 16 and out the spray tip exit 32. Therefore, as shown in Figures 3A-3C, the nozzle tip 29 of the nozzle 22 protrudes into the spray tip body 16a, between the spray tip exit 32 and the nipple bore 16d of the spray tip 16. In one embodiment, the cartridge 12 may be placed approximately at a 30-degree angle with respect to the spray tip 16. Typically, the cartridge 12 and the spray tip 16 are manufactured as separate items. However, in an alternative embodiment, the cartridge 12 and the spray tip 16 are molded together as one piece, as shown in Figure 3C, so that the user may discard both after use. In this instance, the fitting of the nozzle tip 29 may need to be inserted from the interior of the housing, instead of from the exterior, as is shown in

Applicant: Gaines Thomas Ray, et al.

Serial No. 10/659,546

Figure 3B. Different types of spray tips 16 may be available to users to result in different spray patterns.

After paragraph [0007], please add paragraph [0007A] as follows.

[0007A] **Figure 3C** shows an enlarged cross-sectional view of the cartridge nozzle molded in one piece with the spray tip.